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JC18 Rec'd PCT/PTO 20 JUN 2001

IN THE UNITED STATES DESIGNATED OFFICE (DO/US)

In re: Beyerer et al.
International Appl. No.: PCT/DE99/04070
International Filing Date: December 21, 1999
For: METHOD AND DEVICE FOR OBJECT RECOGNITION

June 20, 2001

Box PCT
Commissioner for Patents
Washington, DC 20231

#3/A
28 Sep 01
R. Tallit

PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified application as follows:

In The Claims:

Please cancel Claims 1-29 without prejudice, and add the following new Claims 30-44.

30. (New) A method of detecting defects on workpieces comprising the steps of
illuminating the workpiece by at least two light sources from different directions,
recording by means of a camera the illuminated workpiece and the shadows resulting from the illumination, and
processing the recorded data in a computer.

31. (New) The method of Claim 30, wherein the camera is arranged at a fixed location.

32. (New) The method of Claim 30, wherein the camera includes a lens and wherein the camera is encased at least in the region of the lens.

33. (New) The method of Claim 30, wherein the processing step includes exchanging signals between the computer and a stored program control.

34. (New) The method of Claim 30, wherein the recorded

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